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PATENT COOPERATION TREATY

PCT

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Kangnam-ku
Seoul 135-080
RÉPUBLIQUE DE CORÉE

Date of mailing (day/month/year) 11 February 1999 (11.02.99)	
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
International application No. PCT/KR98/00202	International filing date (day/month/year) 10 July 1998 (10.07.98)

1. The following indications appeared on record concerning:

☒ the applicant ☒ the inventor ☐ the agent ☐ the common representative

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State of Nationality

KR

State of Residence

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Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☐ the address ☐ the nationality ☐ the residence

Name and Address

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State of Residence

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3. Further observations, if necessary:

Now recorded as applicant/inventor for US only.

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☐ the International Preliminary Examining Authority ☐ other:
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34, chemin des Colombettes
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Authorized officer

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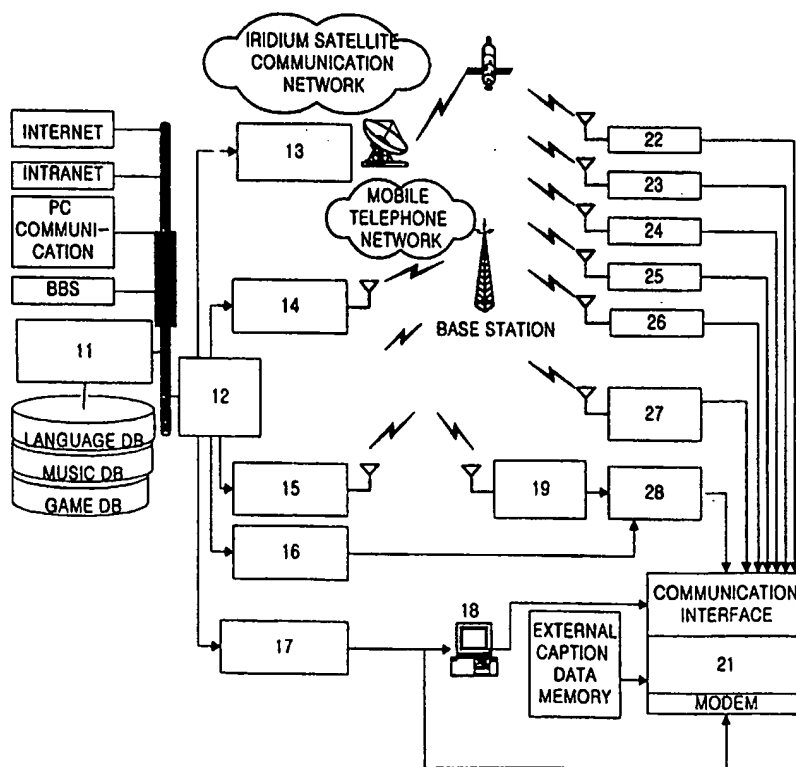
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G09B 19/06, H04L 12/00		A1	(11) International Publication Number: WO 99/03083
			(43) International Publication Date: 21 January 1999 (21.01.99)
(21) International Application Number: PCT/KR98/00202		(81) Designated States: CN, JP, RU, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 10 July 1998 (10.07.98)			
(30) Priority Data: 1997/32037 10 July 1997 (10.07.97) KR 1997/53174 16 October 1997 (16.10.97) KR		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
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(54) Title: CAPTION TYPE LANGUAGE LEARNING SYSTEM USING CAPTION TYPE LEARNING TERMINAL AND COMMUNICATION NETWORK

(57) Abstract

A caption type language learning system utilizing a communication network is disclosed. The system includes a captioning language training network server (11) for databasing the data for respective learning fields. A communication switching station (12) receives the captioning language learning data through the network. A satellite switching station (13) transmits the data suitable to the communication characteristics through a communication network. The system further includes wire and wireless communication terminals (18, 19, 28, 22, 23, 24, 25, 26, 27) for receiving captioning language learning data from an external communication network. A wireless communication terminal having a captioning language learning function or a captioning language training terminal (21) receives captioning language learning data through the wire switching station (17) or directly from an external communication network. The caption and audio data can be watched and listened without using the conventional captioning type cassette tape and player. Further, the carrying is convenient, and malfunctions do not occur, so that foreign languages can be learned in a convenient way.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 98/00202

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁶: G 09 B 19/06; H 04 L 12/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁶: G 06 F 12/00,13/00,17/00; G 11 B 27/00; G 09 B 7/00;19/06; H 04 L 12/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 657 451 A (BARIOU et al.) 26 July 1991 (26.07.91), fig.1; claims 1-4.	1-5
A	WO 97/19 451 A1 (TOSHIBA) 29 May 1997 (29.05.97), abstract; fig.15.	1

☐

Further documents are listed in the continuation of Box C.

☒

See patent family annex.

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Date of the actual completion of the international search

25 November 1998 (25.11.98)

Date of mailing of the international search report

04 December 1998 (04.12.98)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 98/00202

In Recherchenbericht angeführtes Patentdokument Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
FR A 2657451		keine - none - rien	
WO A1 9719451	29-05-97	EP A1 863509 JP A2 9231726	09-09-98 05-09-97